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**Form 1449 (Modified)**

**Information Disclosure  
Statement By Applicant**

(Use Several Sheets if Necessary)

Atty Docket No. US2Goldsborough  
Application No.: 10/031,636  
Inventor Andrew S. Goldsborough  
Group 1637  
Filing Date April 29, 2002

**U.S. Patent Documents**

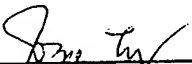
Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-Class	Filing Date
J T	A	5,707,796	1/13/98	Gold et al.	—	—	—
	B	5,426,180	6/20/95	Kool	—	—	—
	C	5,872,232	2/16/99	Cook et al.	—	—	—
	D	5,859,221	1/12/99	Cook et al.	—	—	—
J T	E	5,681,726	10/28/97	Huse et al.	—	—	—

**Foreign Patent or Published Foreign Patent Application**

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
J T	F	99/55857	11/4/99	WO	—	—	—	—
	G	99/36517	7/22/99	WO	—	—	—	—
	H	99/14346	3/25/99	WO	—	—	—	—
	I	92/03568	3/5/92	WO	—	—	—	—
J T	J	98/13526	4/2/98	WO	—	—	—	—

**Other Documents**

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
J T	K	Heidenrich, Olaf et al., "Chemically Modified RNA: Approaches and Applications", The FASEB Journal, January 1993, Vol. 7
	L	Heidenrich, Olaf et al., "High Activity and Stability of Hammerhead
J T		Phosphorothioates", The Journal of Biological Chemistry, Vol. 269, No. 3, January 21, pp. 2131-2138, 1994.
J T	M	Aurup, Helle et al., "Translation of 2'-Modified mRNA <i>in vitro</i> and <i>in vivo</i> ", Nucleic Acids Research, 1994, Vol. 22, No. 23. pp.4963-4968.
J T	N	Xin, Wei et al., "Treatment of Duck Hepatitis B Virus by Antisense Poly-2'-O-(2,4-Dinitrophenyl)-Oligoribonucleotides", Bioenergetics Laboratory, Natural Sciences Center, State University of NY, Buffalo, July 1998
J T	O	Iribarren, Adolfo M. et al., "2'-O-Alkyl Oligoribonucleotides as Antisense Probes", Proc. Natl. Acad. Sci., Vol. 87, pp 7747-7751, October 1990.

J.T	P	Inoue, Hideo et al, "Synthesis and Hybridization Studies on Two Complementary Nona(2'-O-methyl) Ribonucleotides", Faculty of Pharmaceutical Sciences, Hokkaido University, Sapporo 060, Japan, June 1987.
J.T	Q	Scherr, Michaela et al., "Synthesis and Properties of Hammerhead Ribozymes Stabilized Against Nucleases by Different 2'-Modifications: Methoxyethoxy-, Fluoro- and Amino Groups", Bioorganic & Medicinal Chemistry Letters, Vol. 7, No. 13, pp. 1791-1796, 1997
Examiner		Date Considered
		2/20/2004

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.